

Title (en)

Method and device for producing spinning fleece

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Spinnvlieses

Title (fr)

Procédé et dispositif de fabrication d'un textile non-tissé filé-lié

Publication

EP 1967628 B2 20130717 (DE)

Application

EP 07004747 A 20070308

Priority

EP 07004747 A 20070308

Abstract (en)

[origin: EP1967628A1] Production of spun-bonded fabric comprises spinning, cooling and stretching filaments and forming a web (11) from them on a belt (7) and passing it through a wetting unit (16, 17). It is then consolidated using high-pressure water jets and lifted from the belt for further processing. An independent claim is included for apparatus for carrying out the production method with a high-pressure water jet consolidation unit (23) mounted downstream from a wetting unit, a web lifting unit and post-treatment units (26, 27) downstream from the consolidation unit.

IPC 8 full level

D04H 3/16 (2006.01); **D04H 3/10** (2012.01); **D04H 3/11** (2012.01)

CPC (source: EP KR US)

D04H 3/02 (2013.01 - KR); **D04H 3/10** (2013.01 - EP US); **D04H 3/11** (2013.01 - EP KR US); **D04H 3/16** (2013.01 - EP US); **D04H 18/04** (2013.01 - KR)

Citation (opposition)

Opponent :

- US 2005215156 A1 20050929 - FERENCZ RICHARD [US], et al
- US 6918750 B2 20050719 - GEUS HANS-GEORG [DE], et al
- US 5736219 A 19980407 - SUEHR SUSAN LYNN [US], et al
- DUVAL, VERLAG LEVOISIER, DICTIONNAIRE DE LA CHIMIE, no. 4, October 2010 (2010-10-01), pages 179

Cited by

EP3495543A1; DE102013107237A1; DE102010009275A1; DE102009032343A1; EP3382082A1; CN108708078A; DE102017129300A1

Designated contracting state (EPC)

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EP 1967628 A1 20080910; EP 1967628 B1 20100428; EP 1967628 B2 20130717; AR 065526 A1 20090610; AT E466124 T1 20100515; BR PI0800455 A 20081021; BR PI0800455 B1 20180306; CA 2625245 A1 20080908; CA 2625245 C 20130507; CN 101260596 A 20080910; CN 101260596 B 20110608; DE 502007003585 D1 20100610; DK 1967628 T3 20100809; DK 1967628 T4 20131028; ES 2343547 T3 20100803; ES 2343547 T5 20131127; IL 189823 A0 20081229; IL 189823 A 20111229; JP 2008223214 A 20080925; JP 5008589 B2 20120822; KR 101036221 B1 20110520; KR 20080082523 A 20080911; MX 2008003204 A 20090211; PL 1967628 T3 20101029; PL 1967628 T5 20140430; RU 2008108854 A 20090920; RU 2401333 C2 20101010; US 2008220161 A1 20080911; US 7981357 B2 20110719

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EP 07004747 A 20070308; AR P080100839 A 20080228; AT 07004747 T 20070308; BR PI0800455 A 20080307; CA 2625245 A 20080307; CN 200810083709 A 20080307; DE 502007003585 T 20070308; DK 07004747 T 20070308; ES 07004747 T 20070308; IL 18982308 A 20080228; JP 2008057133 A 20080307; KR 20080021456 A 20080307; MX 2008003204 A 20080306; PL 07004747 T 20070308; RU 2008108854 A 20080306; US 4328308 A 20080306